

Active Recombinant Human CD300C Protein, Fc-Tagged

Cat. No. CD300C-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Mouse myeloma cell line, NS0-derived Recombinant Human CD300C Protein, Fc-Tagged
Species	Human
Source	NS0
Description	The CMRF35 antigen, which was identified by reactivity with a monoclonal antibody, is present on monocytes, neutrophils, and some T and B lymphocytes
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. Human T lymphocytes cultured for 72 hours with PHA were incubated for an additional 3 days in 96 well plates coated with 500 ng/mL anti-CD3 and Recombinant Human CD300c Fc Chimera. The ED50 for this effect is 4-16 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	43.5 kDa (monomer)
N-terminal Sequence Analysis	Met29
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name	CD300C CD300c molecule [Homo sapiens (human)]
Official Symbol	CD300C
Synonyms	CD300c; CLM6; CLM-6; CMRF35; IGSF16
Gene ID	10871
mRNA Refseq	NM_006678.5
Protein Refseq	NP_006669.1
MIM	606786
UniProt ID	Q08708

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